

INTERNATIONAL SEARCH REPORT

International Application No
PC17GB2004/050044

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 798 892 A (KOBAYASHI ET AL) 25 August 1998 (1998-08-25) column 2, line 22 - line 40 column 7, line 40 - column 8, line 34; claim 4	1,37
A	EP 1 094 338 A (JASON GEOSYSTEMS B.V) 25 April 2001 (2001-04-25) paragraphs '0024!', '0034!', '0035!', '0038!; claim 1	1,37
A	IVAR BREVIK: "Rock model based inversion of saturation and pressure changes from time lapse seismic data" SEG 1999 EXPANDED ABSTRACTS, 1999, XP002335313 the whole document	1,37

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

8 July 2005

Date of mailing of the international search report

29/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lorne, B

INTERNATIONAL SEARCH REPORT

Inter al Application No
PC1/GB2004/050044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RUTLEDAL ET AL: "Time-Lapse Elastic Inversion at the Oseberg Field" EAGE 64 TH CONFERENCE & EXHIBITION, 27 May 2002 (2002-05-27), pages 1-4, XP002335314 Florence, Italy the whole document	1,37
A	VARELA O.J. ET AL: "Assesing dynamic reservoir behavior with time-lapse pre-stack 3D seismic data: a sensitivity study based on inversion" EAGE 64TH CONFERENCE & EXHIBITION, 30 May 2002 (2002-05-30), pages 1-4, XP002335315 Florence, Italy the whole document	1,37
A	SUSAN MINKOFF ET AL: "Reservoir characterization via time-lapse prestack seismic inversion" 1998 SEG EXPANDED ABSTRACTS, 1998, XP002335316 the whole document	1,37

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/050044

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5798892	A	25-08-1998	JP 3354036 B2 JP 9063158 A	09-12-2002 07-03-1997
EP 1094338	A	25-04-2001	EP 1094338 A1 AU 1854101 A WO 0129577 A1 US 2004064294 A1 US 2002013661 A1	25-04-2001 30-04-2001 26-04-2001 01-04-2004 31-01-2002